

Title (en)

Pattern features extracting apparatus and method and pattern recognition system.

Title (de)

Verfahren und Apparat zum Extrahieren von Mustermerkmalen und Mustererkennungssystem.

Title (fr)

Procédé et dispositif pour extraire les caractéristiques d'un motif et système d'identification de motifs.

Publication

**EP 0092381 A2 19831026 (EN)**

Application

**EP 83302101 A 19830414**

Priority

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- JP 6296982 A 19820415

Abstract (en)

A plurality of different mask pattern data which are indicated by values obtained from Hermite's polynomials of different degrees weighted by a Gaussian function are stored in mask memories (15-1, ..., 15-Q), respectively. Each mask pattern data stored in each of the mask memories (15-1, ..., 15-Q) is convolved by a sum-of-product circuit together with unknown input pattern data. A plurality of extracted pattern feature data are stored in pattern feature memories (17-1, ..., 17-Q).

IPC 1-7

**G06K 9/68**

IPC 8 full level

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CPC (source: EP US)

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